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(54) Title: PROCESS FOR MAKING AMMONIUM GLYPHOSATE FLAKES

(57) Abstract: A process is provided for preparing ammonium glyphosate flakes, comprising (a) mixing (i) solid particulate glyphosate acid, (ii) water in an amount of about 0.5 to about 3 parts by weight per part by weight of glyphosate acid, and (iii) a base that supplies ammonium cations, in an amount of about 0.8 to about 1.25 mole equivalents of ammonia per mole of glyphosate acid, to form an aqueous reaction medium; (b) allowing the glyphosate acid to react with the base in the reaction medium to form a reaction product comprising a concentrated aqueous solution of ammonium glyphosate; (c) drying the reaction product by contact thereof with a heated surface to form, primarily by evaporation of water, a solid deposit on the heated surface; and (d) scraping the solid deposit off the heated surface to recover dry flakes of ammonium glyphosate.

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